

中2数学 計算問題

計算しましょう

$$\textcircled{1} \quad 4a+3b+2a-b = 6a+2b$$

$$\textcircled{2} \quad -2a+5b+2a-b = 4b$$

$$\textcircled{3} \quad -2a^2+5a+2a-a^2+5 = -3a^2+7a+5$$

$$\textcircled{4} \quad -2(2x+y)+3(3x-2y) = 5x-8y$$

$$\textcircled{5} \quad -\frac{1}{3}(2x+y)+\frac{1}{2}(3x-2y) = 5x-8y$$

$$\textcircled{6} \quad \frac{2a-b}{6} - \frac{a-3b}{4} = \frac{a+7b}{12}$$

$$\textcircled{7} \quad \frac{9a-b}{3} - (2a+b) = \frac{3a-4b}{3}$$

$$\textcircled{8} \quad 4ab \div 4a = b$$

$$\textcircled{9} \quad 9xy \div \frac{3}{5}x = 15y$$

$$\textcircled{10} \quad -2ab^2 \div 2a \div \frac{4}{5}b = -\frac{5}{4}b$$

$$\textcircled{11} \quad 9x^2 \times (-xy) \div \frac{6}{5}y^2 = -\frac{15x^3}{2y}$$

$$\textcircled{12} \quad -3ab^2 \div 6ab \times (-2a)^2 = -2a^2b$$

連立方程式を解きましょう

$$\textcircled{1} \quad \begin{cases} 2x-y=-5 \\ 2x+y=1 \end{cases} \quad x=-1 \quad y=3$$

$$\textcircled{2} \quad \begin{cases} 3x-y=-2 \\ 2x-y=-1 \end{cases} \quad x=-1 \quad y=-1$$

$$\textcircled{3} \quad \begin{cases} 3x+4y=5 \\ 4x+5y=6 \end{cases} \quad x=-1 \quad y=2$$

$$\textcircled{4} \quad \begin{cases} 4x+3y=5 \\ 3x+4y=-5 \end{cases} \quad x=5 \quad y=-5$$

$$\textcircled{5} \quad \begin{cases} x-y=4 \\ 2x+3y=18 \end{cases} \quad x=6 \quad y=2$$

$$\textcircled{6} \quad \begin{cases} 5x-3y=-14 \\ 2x+5y=13 \end{cases} \quad x=-1 \quad y=3$$

$$\textcircled{7} \quad \begin{cases} 5x-3y=0 \\ 3x-2y=-6 \end{cases} \quad x=18 \quad y=30$$

$$\textcircled{8} \quad \begin{cases} 3x-y=8 \\ y=-2x+7 \end{cases} \quad x=3 \quad y=1$$

$$\textcircled{9} \quad \begin{cases} y=x-2 \\ 2x-y=-1 \end{cases} \quad x=-3 \quad y=-5$$

$$\textcircled{10} \quad \begin{cases} x=2y+5 \\ 2x+5y=-8 \end{cases} \quad x=1 \quad y=-2$$

$$\textcircled{11} \quad \begin{cases} 3x-2y=1 \\ x=y-5 \end{cases} \quad x=11 \quad y=16$$

$$\textcircled{12} \quad \begin{cases} y=2x+4 \\ y=3x-1 \end{cases} \quad x=5 \quad y=14$$

$$\textcircled{13} \quad \begin{cases} x=2y+3 \\ x=4y+2 \end{cases} \quad x=4 \quad y=-\frac{1}{2}$$

$$\textcircled{14} \quad \begin{cases} 3y=4x+2 \\ 3y=-x-3 \end{cases} \quad x=-1 \quad y=-\frac{2}{3}$$

$$\textcircled{15} \quad \begin{cases} 2(2x-y)+5=-5 \\ 2(2x+y)=2 \end{cases} \quad x=-1 \quad y=3$$

$$\textcircled{16} \quad \begin{cases} x-y-2=2x+3y \\ 4x-5y=2(3x-y)+9 \end{cases} \quad x=-6 \quad y=1$$

$$\textcircled{17} \quad \begin{cases} 0.3x+0.4y=0.5 \\ 4x+5y=6 \end{cases} \quad x=-1 \quad y=2$$

$$\textcircled{18} \quad \begin{cases} 0.04x+0.03y=0.05 \\ 3x+4y=-5 \end{cases} \quad x=5 \quad y=-5$$

$$\textcircled{19} \quad \begin{cases} \frac{1}{5}x - \frac{2}{3}y=1 \\ x-2y=1 \end{cases} \quad x=-5 \quad y=-3$$

$$\textcircled{20} \quad \begin{cases} 6x+5y=9 \\ \frac{3x-2y}{3}=-3 \end{cases} \quad x=-1 \quad y=3$$

$$\textcircled{21} \quad 2x-y=3x+y=-10 \quad x=-4 \quad y=2$$